CLAIMS

1.   A data manager apparatus for logging data in a network, comprising:

        a receiver configured to receive a command from a data client over a network connection;

        a processor configured to process the command; and

        a transmitter configured to send a response to the data client.

2.   The apparatus of Claim 1 wherein the processor is configured to keep the network connection alive.

3.   The apparatus of Claim 1 wherein the processor is configured to keep the network connection closed.

4.   The apparatus of Claim 1 wherein the processor is configured to provide a list of data types.

5.   The apparatus of Claim 1 wherein the processor is configured to provide information on a version of a protocol.

6.   The apparatus of Claim 1 wherein the processor is configured to register a new data client.

7.   The apparatus of Claim 1 wherein the processor is configured to unregister a data client.

8.   The apparatus of Claim 1 wherein the processor is configured to provide a buffered data.

9.   The apparatus of Claim 1 wherein the processor is configured to stop logging data.

10.   The apparatus of Claim 1 wherein the processor is configured to start logging data.

11.   The apparatus of Claim 1 wherein the processor is configured to provide
status of the data manager.

12.   The apparatus of Claim 11 wherein the providing the status includes
providing an address of the data manager in the network.

13.   The apparatus of Claim 11 wherein the providing the status includes
indicating availability of the data manager.

14.   The apparatus of Claim 11 wherein the providing the status includes
providing a data-delivery type.

15.   The apparatus of Claim 14 wherein the data delivery type includes
streamed data-delivery type.

16.   The apparatus of Claim 14 wherein the data delivery type includes
buffered data-delivery type.

17.   The apparatus of Claim 1 wherein the processor is configured to provide
time in the data manager.

18.   The apparatus of Claim 1 wherein the processor is configured to provide
unit information of a data.

19.   The apparatus of Claim 1 wherein the processor is configured to provide
an error condition.

20.   The apparatus of Claim 1 wherein the processor is configured to accept
the command.

21.   The apparatus of Claim 1 wherein the processor is configured to decline
the command.

22.   A data client apparatus for logging data in a network, comprising:

2 a processor to generate a command;

a transmitter configured to send the command to a data manager over a
4 network connection; and

a receiver configured to receive a response from the data manager.

23.   The apparatus of Claim 22 wherein the processor is configured to
2 generate a command for keeping the network connection alive.

24.   The apparatus of Claim 22 wherein the processor is configured to
2 generate a command for keeping the network connection closed.

25.   The apparatus of Claim 22 wherein the processor is configured to
2 generate a command for a list of data types.

26.   The apparatus of Claim 22 wherein the processor is configured to
2 generate a command for a version of a protocol.

27.   The apparatus of Claim 22 wherein the processor is configured to
2 generate a command to register a new data client.

28.   The apparatus of Claim 22 wherein the processor is configured to
2 generate a command to unregister a data client.

29.   The apparatus of Claim 22 wherein the processor is configured to
2 generate a command for providing a buffered data.

30.   The apparatus of Claim 22 wherein the processor is configured to
2 generate a command for stopping logging data.

31.   The apparatus of Claim 22 wherein the processor is configured to
2 generate a command for starting logging data.

32.   The apparatus of Claim 22 wherein the processor is configured to
2 generate a command for providing status of the data manager.

33.   The apparatus of Claim 22 wherein the processor is configured to generate a command for providing time in the data manager.

34.   The apparatus of Claim 22 wherein the processor is configured to generate a command for providing unit information of a data.

35.   A method for logging data in a network including a data client and a data manager, comprising:

sending a command from the data client to the data manger over a network connection;

processing the command by the data manager; and

sending a response to the command from the data manager to the data client.

36.   The method of Claim 35 wherein the sending the command includes requesting the network connection be kept alive.

37.   The method of Claim 35 wherein the sending the command includes requesting the network connection be kept closed.

38.   The method of Claim 35 wherein the sending the command includes requesting a list of data types.

39.   The method of Claim 38 wherein the sending the response includes providing the list of data types.

40.   The method of Claim 35 wherein the sending the command includes requesting information on a version of a protocol.

41.   The method of Claim 40 wherein the sending the response includes providing the version of the protocol.

42.   The method of Claim 35 wherein the sending the command includes registering a new data client.

43.   The method of Claim 42 wherein the sending the command includes providing an address for the new client.

44.   The method of Claim 42 wherein the sending the command includes providing a data type for the new client.

45.   The method of Claim 42 wherein the sending the command includes providing a data delivery type for the new client.

46.   The method of Claim 45 wherein the data delivery includes streamed data delivery type.

47.   The method of Claim 45 wherein the data delivery type includes buffered data delivery type.

48.   The method of Claim 42 wherein the sending the command includes providing a data format for the new client.

49.   The method of Claim 42 wherein the sending the command includes providing a data-sampling rate for the new client.

50.   The method of Claim 42 wherein the sending the command includes providing a condition for logging data to the new client.

51.   The method of Claim 35 wherein the sending the command includes requesting a data client to be unregistered.

52.   The method of Claim 35 wherein the sending the command includes requesting a buffered data.

53.   The method of Claim 35 wherein the sending the command includes requesting to stop logging data.

54.   The method of Claim 35 wherein the sending the command includes requesting to start logging data.

55.   The method of Claim 35 wherein the sending the command includes requesting status of the data manager.

56.   The method of Claim 55 wherein the sending the response includes sending an address of the data manager in the network.

57.   The method of Claim 55 wherein the sending the response includes indicating availability of the data manager.

58.   The method of Claim 55 wherein the sending the response includes indicating a data delivery type.

59.   The method of Claim 58 wherein the data-delivery type includes streamed data-delivery type.

60.   The method of Claim 58 wherein the data-delivery type includes buffered data-delivery type.

61.   The method of Claim 35 wherein the sending the command includes requesting time in the data manager.

62.   The method of Claim 35 wherein the sending the command includes requesting unit information of a data.

63.   The method of Claim 35 wherein the sending the response includes indicating an error condition.

64. The method of Claim 35 wherein the sending the response includes
2 indicating acceptance of the command.

65. The method of Claim 35 wherein the sending the response includes
2 indicating declining the command.

66. An apparatus for logging data in a network including a data client and a
2 data manager, comprising:
    means for sending a command from the data client to the data manger
4 over a network connection;
    means for processing the command by the data manager; and
6 means for sending a response to the command from the data manager to
the data client.
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67. A computer readable medium embodying a method for logging data in a
2 network including a data client and a data manager, the method comprising:
    sending a command from the data client to the data manger over a
4 network connection;
    processing the command by the data manager; and
6 sending a response to the command from the data manager to the data
client.

68. An apparatus for logging data in a network, comprising:
2 a memory unit; and
    a digital signal processing (DSP) unit communicatively coupled to the
4 memory unit, the DSP unit being capable of:
    sending a command from a data client to a data manger over a network
6 connection;
    processing the command; and
8 sending a response to the command to the data client.

69. A method for logging data in a data client, comprising:
2 sending a command from the data client to a data manger over a network
connection; and

4   receiving a response to the command from the data manager.

70.   An apparatus for logging data in a network, comprising:

2   means for sending a command to a data manger over a network connection; and

4   means for receiving a response to the command from the data manager.

71.   A computer readable medium embodying a method for logging data in a

2 data client, the method comprising:

      sending a command from the data client to a data manger over a network

4 connection; and

      receiving a response to the command from the data manager.

72.   An apparatus for logging data in a network, comprising:

2   a memory unit; and

      a digital signal processing (DSP) unit communicatively coupled to the

4 memory unit, the DSP unit being capable of:

      sending a command from the data client to a data manger over a network

6 connection; and

      receiving a response to the command from the data manager.

73.   A method for logging data in a network, comprising:

2   receiving a command from a data client over a network connection;

      processing the command; and

4   sending a response to the data client.

74.   A computer readable medium embodying a method for logging data in a

2 network, the method comprising:

      receiving a command from a data client over a network connection;

4   processing the command; and

      sending a response to the data client.

75.   An apparatus for logging data in a network, comprising:

2   means for receiving a command from a data client over a network connection;

4   means for processing the command; and

      means for sending a response to the data client.

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   76.   An apparatus for logging data in a network, comprising:

2   a memory unit; and

      a digital signal processing (DSP) unit communicatively coupled to the

4   memory unit, the DSP unit being capable of:

      receiving a command from a data client over a network connection;

6   processing the command; and

      sending a response to the data client.